

CLEAN COPY OF AMENDED CLAIMS

22. (TWICE AMENDED) A method for transforming a cell of corn comprising the steps of:

- (a) co-cultivating an immature embryo from said cell with *Agrobacterium* capable of transferring at least one genetic element to tissue of said cell to produce an infected embryo;
- (b) culturing the infected embryo after said co-cultivation on a medium comprising an antibiotic and a monosaccharide sugar, said sugar being in an amount of from about 5 g/L to about 30g/L;
- (c) culturing a resulting tissue on a medium comprising a selective agent;
- (d) culturing the resulting tissue on a medium comprising a selective agent to select for transformed tissue;
- (e) selecting transformed tissue having growing Type II; and
- (f) regenerating plants from said embryo structures.

B2  
24. (AMENDED) The method of claim 22, wherein, said *Agrobacterium* is taken from *Agrobacterium* one to two days after rescue from frozen glycerol stocks.

B3  
27. (TWICE AMENDED) The method of claim 26, wherein said heat shock is performed at about 24 hours to about 72 hours after initiation of co-cultivation.

28. (TWICE AMENDED) The method of claim 22, wherein the concentration of said antibiotic in the medium of step (b) is from about 15 mg/L to about 75 mg/L.